

CONTENTS OF VOLUME 41

Number 1

Direct Measurement of the Axial Poisson's Ratio of Single Carbon Fibres . IZABELLA KRUCINSKA & TOMASZ STYPKA (Poland)												
The Carbon Fibre/Epoxy Interface—A Review												
Stress Concentration Factor for an Orthotropic Finite-Width Plate Containing Elliptical Edge Notches	4											
The Effect of Bridging on the Strength of a Unidirectional Carbon/Carbon Composite in Off-axis Tests	5:											
A Nonclassical Stress Analysis for a Laminated Composite Section E. SELÇUK ARDIÇ & MICHAEL H. SANTARE (USA)	6.											
Fracture Behaviour of Interleaved Fiber-Resin Composites	7											
Book Reviews	99											
Conference Diary	02											
Number 2												
Thermal Buckling Analysis of Antisymmetric Angle-Ply Laminates Based on a Higher-Order Displacement Field	09											
Failure Analysis of Woven Hybrid Composites Using a Finite Element Method Y. L. LI, C. RUIZ & J. HARDING (UK)	29											
Mode I Interlaminar Fracture of Symmetrical Cross-ply Composites	47											
442												

Composites Science and Technology (41) (1991)—© 1991 Elsevier Science Publishers Ltd, England. Printed in Great Britain

Contents of Volume 41	443
The Effect of Silane Treatment on the Mechanical and Physical Properties of Sisal-Epoxy Composites	165
Computer Analysis of Morphology and Distribution of Finely Dispersed Liquid Crystal Domains in a Conventional Matrix Polymer	179
The Nature and Effect of Thermal Residual Stresses in Discontinuous Fiber Reinforced Metal Matrix Composites	193
Conference Diary	215
Number 3	
The Influence of Matrix Rheological Properties on Acoustic Emission and Damage Accumulation in GRP Tubes	221
Strain Concentration Factors for Fibers and Matrix in Unidirectional Composites SHOJIRO OCHIAI, KARL SCHULTE & PIET W. M. PETERS (FRG)	237
In-plane Shear Failure Analysis of Notched Composites	257
Evaluation of the Intrinsic Mechanical Properties of Carbon Fibres IZABELLA KRUCINSKA (Poland)	287
Viscoelastic Effects in Poly(Ether Ether Ketone) (PEEK) and PEEK-Based Composites	303
Conference Diary	327
Number 4	
High Strength, High Fracture Toughness Fibre Composites with Interface Control—A Review	333

The Effects of Three-Dimensional States of Stress on Damping of Laminated

379

Tensile Failure	of P	ultru	ded (Jlass-	-Poly	ester	Com	posite	es Ur	ider 3	Super	ımpo	sed	
Hydrostatic Pres R. H. SIC											٠			395
The Over-all Ins M. PALE							al-Ma	ıtrix (Comp	osite	s .			411
Book Reviews									٠	٠				431
Conference Diar	у.													435
Subject Index														439
Author Index														441